

=> file reg

FILE 'REGISTRY' ENTERED AT 19:48:40 ON 13 AUG 2004
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=> display history full ll-

FILE 'LREGISTRY' ENTERED AT 16:39:55 ON 13 AUG 2004

L1 STR
L2 STR L1
L3 STR L1

FILE 'REGISTRY' ENTERED AT 16:59:37 ON 13 AUG 2004

L4 50 SEA SSS SAM L1
L5 35294 SEA SSS FUL L1
SAV TEM L5 CAM158/A
L6 50 SEA SUB=L5 SSS SAM L2
L7 STR
L8 50 SEA SUB=L5 SSS SAM L2 NOT L7
L9 STR L2
L10 50 SEA SUB=L5 SSS SAM L9 NOT L7
L11 STR L7
L12 50 SEA SUB=L5 SSS SAM L9 NOT L11
L13 5027 SEA SUB=L5 SSS FUL L9 NOT L11
SAV L13 CAM158A/A
L14 19 SEA SUB=L5 SSS SAM L3
L15 345 SEA SUB=L5 SSS FUL L3
SAV L15 CAM158B/A

FILE 'HCA' ENTERED AT 19:34:30 ON 13 AUG 2004

L6 10087 SEA L13
L7 1127 SEA L15
L8 42516 SEA NONAQ# OR NONAQUEOUS? OR NONWATER? OR NONH2O OR
NON(A) (AQ# OR AQUEOUS? OR WATER? OR H2O) OR (ANH# OR
ANHYDROUS?) (2A) (SOLN# OR SOLUTION? OR SOLVENT?)
L9 7034 SEA UNHYDROLY? OR NONHYDROLY? OR NON(A) HYDROLY?
L10 56 SEA L16 AND L18
L11 27 SEA L16 AND L19
L12 0 SEA L20 AND L21
L13 1 SEA L17 AND L18
L14 2 SEA L17 AND L19
L15 90 SEA L16 AND L17
L16 0 SEA L25 AND L18
L17 1 SEA L25 AND L19
L18 915180 SEA (MIXT# OR MIXTURE? OR BLEND? OR ADMIX? OR COMMIX? OR

IMMIX? OR INTERMIX? OR COMPOSIT? OR COMPN# OR COMPSN# OR
FORMULAT? OR INTERSPER?)/TI

L29 37 SEA L25 AND L28
L30 3793071 SEA AQ# OR AQUEOUS? OR WATER? OR H2O OR HYDROLY?
L31 23 SEA L29 NOT L30

FILE 'REGISTRY' ENTERED AT 19:39:16 ON 13 AUG 2004

L32 3 SEA L13 AND L15

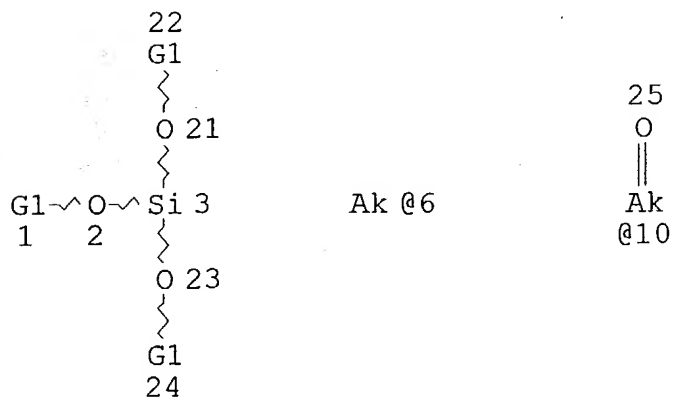
FILE 'HCA' ENTERED AT 19:39:32 ON 13 AUG 2004

L33 4 SEA L32
L34 7 SEA L23 OR L24 OR L27 OR L33
L35 23 SEA L31 NOT L34
L36 26 SEA L21 NOT (L34 OR L35)
L37 56 SEA L20 NOT (L34 OR L35 OR L36)
L38 14 SEA L35 AND (1907-1999/PY OR 1907-1999/PRY)
L39 18 SEA L36 AND (1907-1999/PY OR 1907-1999/PRY)
L40 42 SEA L37 AND (1907-1999/PY OR 1907-1999/PRY)
L41 7056 SEA ?AMINOSILAN? OR ?AMINESILAN? OR (?AMINO OR ?AMINE OR
?AMINES) (2A) SILAN?
L42 11 SEA L41 (3A) (L18 OR L19)
L43 4 SEA L42 AND L16
L44 1 SEA L42 AND L17
L45 10 SEA L43 OR L44 OR L34
L46 14 SEA L38 NOT L45
L47 17 SEA L39 NOT (L45 OR L46)
L48 41 SEA L40 NOT (L45 OR L46 OR L47)

FILE 'REGISTRY' ENTERED AT 19:48:40 ON 13 AUG 2004

=> d 115 que stat

L1 STR



VAR G1=6/10

NODE ATTRIBUTES:

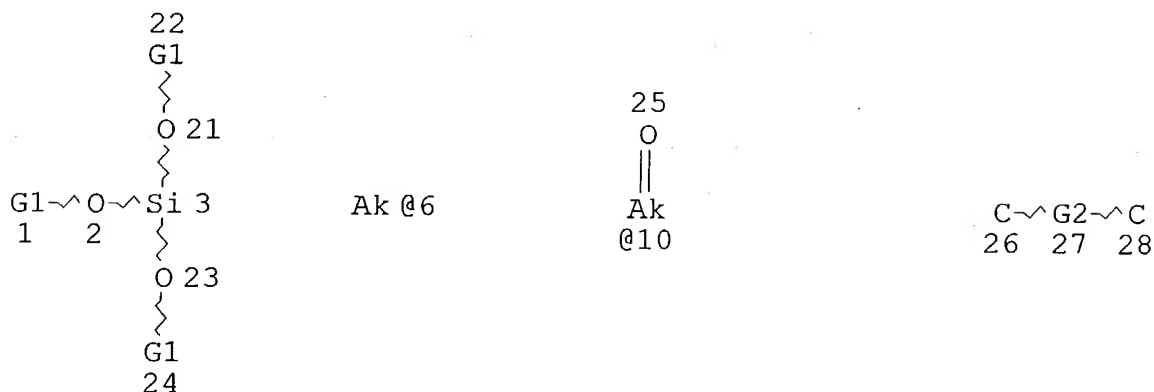
CONNECT IS E4 RC AT 3
 CONNECT IS E1 RC AT 6
 CONNECT IS E2 RC AT 10
 DEFAULT MLEVEL IS ATOM
 GGCAT IS SAT AT 6
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED
 NUMBER OF NODES IS 10

STEREO ATTRIBUTES: NONE

L3 STR



VAR G1=6/10

REP G2=(2-10) S

NODE ATTRIBUTES:

NSPEC IS RC AT 26
 NSPEC IS RC AT 28
 CONNECT IS E4 RC AT 3
 CONNECT IS E1 RC AT 6
 CONNECT IS E2 RC AT 10
 DEFAULT MLEVEL IS ATOM
 GGCAT IS SAT AT 6
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED
 NUMBER OF NODES IS 13

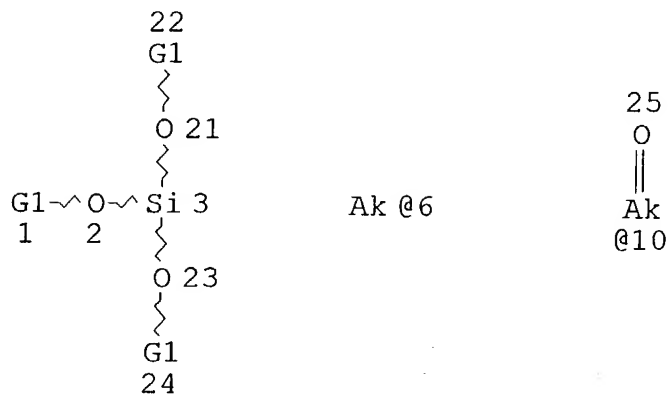
STEREO ATTRIBUTES: NONE

L5 35294 SEA FILE=REGISTRY SSS FUL L1
 L15 345 SEA FILE=REGISTRY SUB=L5 SSS FUL L3

100.0% PROCESSED 360 ITERATIONS
 SEARCH TIME: 00.00.01

345 ANSWERS

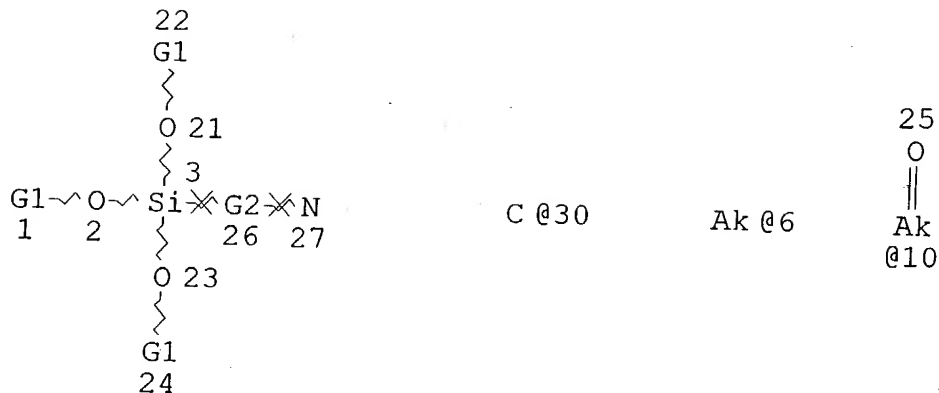
=> d 113 que stat
 L1 STR



VAR G1=6/10
 NODE ATTRIBUTES:
 CONNECT IS E4 RC AT 3
 CONNECT IS E1 RC AT 6
 CONNECT IS E2 RC AT 10
 DEFAULT MLEVEL IS ATOM
 GGCAT IS SAT AT 6
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
 RING(S) ARE ISOLATED OR EMBEDDED
 NUMBER OF NODES IS 10

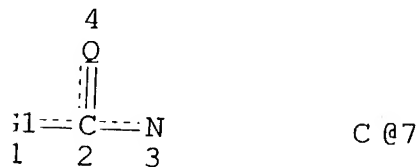
STEREO ATTRIBUTES: NONE
 L5 35294 SEA FILE=REGISTRY SSS FUL L1
 L9 STR



VAR G1=6/10
 REP G2=(1-8) 30
 NODE ATTRIBUTES:
 NSPEC IS RC AT 30
 CONNECT IS E1 RC AT 6
 CONNECT IS E2 RC AT 10
 CONNECT IS M2 RC AT 27
 DEFAULT MLEVEL IS ATOM
 GGCAT IS SAT AT 6
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
 RING(S) ARE ISOLATED OR EMBEDDED
 NUMBER OF NODES IS 13

STEREO ATTRIBUTES: NONE
 L11 STR



VAR G1=7/Q
 NODE ATTRIBUTES:
 SPEC IS RC AT 7
 DEFAULT MLEVEL IS ATOM
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
 RING(S) ARE ISOLATED OR EMBEDDED
 NUMBER OF NODES IS 5

STEREO ATTRIBUTES: NONE

L13 5027 SEA FILE=REGISTRY SUB=L5 SSS FUL L9 NOT L11

100.0% PROCESSED 16684 ITERATIONS

SEARCH TIME: 00.00.01

5027 ANSWERS

=> file hca

FILE 'HCA' ENTERED AT 19:49:58 ON 13 AUG 2004

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=> d 145 1-10 cbib abs hitstr hitind

*10/608418- new case
check out*

145 ANSWER 1 OF 10 HCA COPYRIGHT 2004 ACS on STN

40:288517 Non-aqueous or aqueous storage stable laminate polyurethane adhesive. Morikawa, Yukihiro; Higashikubo, Ichiro; Yoshida, Kouji; Sasahara, Toshiaki (Nippon Polyurethane Industry Co., Ltd., Japan). U.S. Pat. Appl. Publ. US 2004063892 A1 20040401, 23 pp., Cont.-in-part of U.S. Pat. Appl. 2003 92,868. (English). CODEN: USXXCO. APPLICATION: US 2003-608418 20030630. PRIORITY: JP 2000-32695 20000203; JP 2000-73437 20000316; JP 2000-78367 20000321; US 2001-910866 20010724.

B A nonaq. laminate adhesive comprises a tertiary amino group-contg. polyurethane resin (A) or a tertiary amino group- and carboxyl group-contg. polyurethane resin (B) and a polyisocyanate curing agent, optionally a silane coupling agent. The resin (A) is obtained from (1) an active H group-contg. compd. comprising ≥ 1 kinds of tertiary amino group-contg. glycols and (3) an org. polyisocyanate; and the resin (B) is obtained from (2) an active H group-contg. compd. comprising (a) ≥ 1 kinds of tertiary amino group-contg. glycols and (b) ≥ 1 kinds of carboxyl group-contg. glycols, and (3) an org. polyisocyanate. The content of the tertiary amino group in the resin (A), the content of the tertiary amino group in the resin (B), and the carboxyl group in the resin (B) are each 0.001-1 mmol/g. The nonaq. laminate adhesive has a short aging time, a long pot life and good storage stability, all of which were unachievable with conventional laminate adhesives.

F 24801-88-5, A 1310

(coupling agent; nonaq. tertiary amine group-contg. laminating polyurethane adhesives with short aging time, long pot life, and good storage stability)

I 24801-88-5 HCA

I Silane, triethoxy(3-isocyanatopropyl)- (9CI) (CA INDEX NAME)